

PREVENTION AND TREATMENT OF ALLERGIES BY HELMINTHIC
REGULATION OF IGE

David Follansbee

Appl. No.: Unknown

Atty Docket: DAVFOL.002C1

1/4

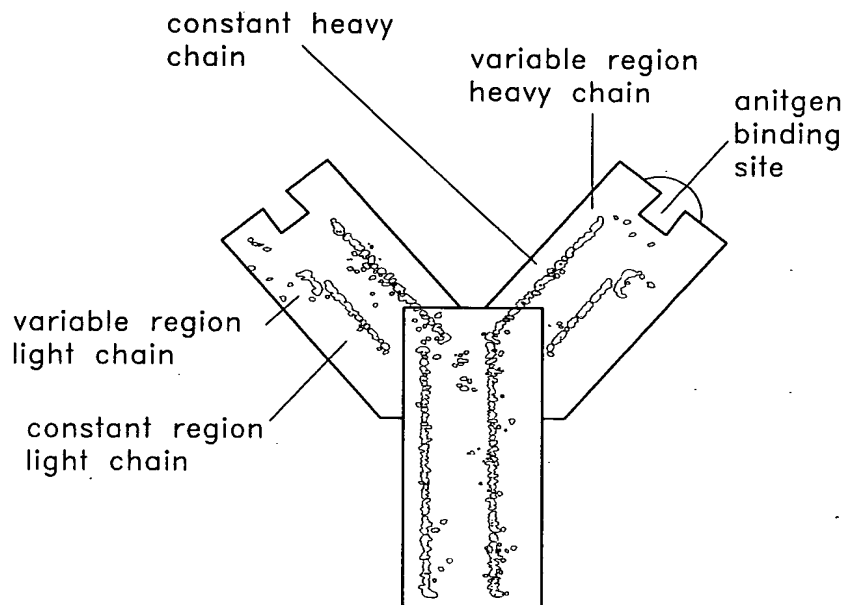


FIG. 1

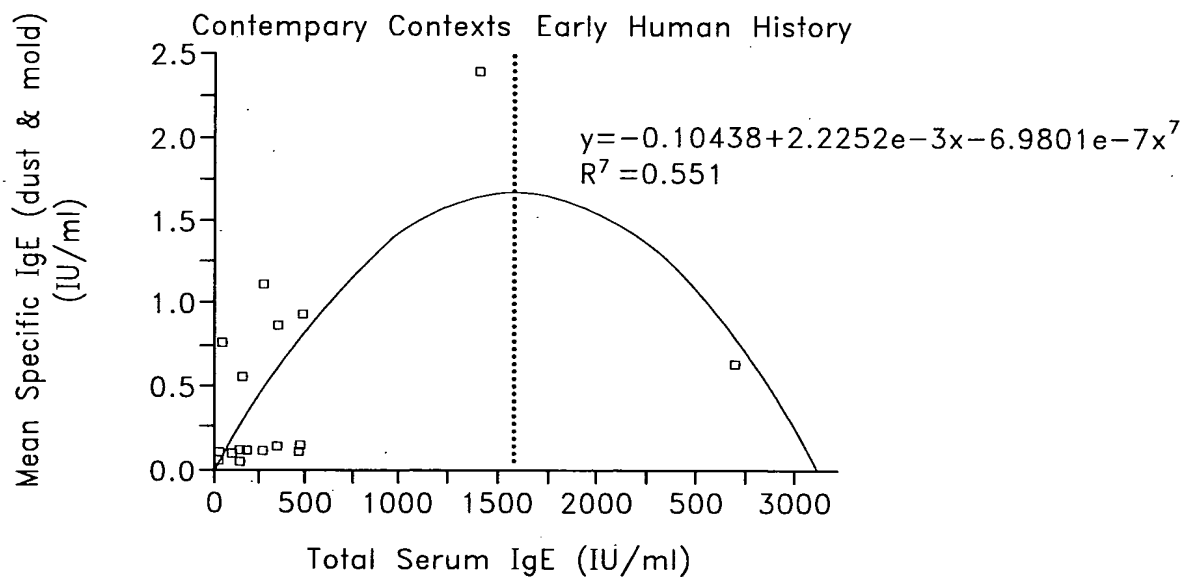


FIG. 2

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2/4

Table I. Cutaneous Reactions and Humoral Antibody Levels in the Study Group

Patient	Cutaneous Reactions, mm ²				Total IgE	humored Antibody, units/ml						
	Immediate*		Intermediate			Specific IgE	Specific IgG,A,M	Specific IgG				
	H. dust Moulds	H. dust Moulds	H. dust Moulds	H. dust Moulds								
PT	79	0	39	0	0	485	1.4	0.46	40.25	770	170	480
PV	95	13	0	0	0	2700	0.25	1.05	67.5	720	304	540
MA	39	0	0	0	0	1400	4.1	0.7	117.0	1620	293	2340
JE	39	0	0	0	0	60	0.095	0	64.0	1220	232	1360
AV	95	20	0	0	0	460	0.11	0.1	40.5	1190	171	836
DC	177	0	0	0	0	360	1.6	0.15	32.0	446	192	844
ZC	95	13	0	0	0	165	1.05	0.05	62.5	1270	323	3230
JH	113	0	0	0	0	465	0.15	0.14	38.0	540	163	930
MH	50	20	0	314	491	285	2.1	0.13	32.0	510	230	690
CO	79	20	0	0	707	190	0.11	0.11	23.75	510	226	790
CP	20	39	0	0	1018	55	0.095	0.03	37.5	940	144	1350
CS	20	0	0	20	398	115	0.1	0.06	40.25	750	156	1430
NL	227	39	154	0	0	65	1.5	0.03	39.0	1060	210	1180
HW	0	0	0	0	0	20	0.09	---	34.25	510	292	566
	79	90	79	0	594	55	0.11	0.102	122.5	1840	327	1620
GO		0	0	0	0	285	0.111	0.14	58.5	1580	230	1460
LP	79	50	0	0	531	350	0.1	0.17	59.0	740	200	960
MD	0	0	0	0	0	10	0.08	0	80.0	990	190	990
CU	39	13	0	0	227	105	0.09	0	82.5	1330	245	1630
IH	39	0	0	0	177	30	0.095	0	25.0	1240	185	2787
RN	13	0	0	0	0	275	0.11	0.104	53.0	830	227	1310
MM	0	0	0	0	0	80	0.095	0.04	50.0	960	225	1140
EN	0	0	0	0	0	20	0.095	0	50.4	970	168	850
BC	39	39	0	0	79	70	0.095	0.04	51.0	200	262	1250
GD	0	0	0	0	0	120	0.1	0.1	39.0	214	219	1420
HC	95	20	0	0	227	160	0.104	0.122	21.25	324	151	460
JH	154	28	0	0	0	155	0.125	0.105	73.5	720	198	1300

*Wheel area.

FIG. 3

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3/4

Table I. Immediate hypersensitivity skin test and RAST positivity in Amazon Indians

	Insects		Dermatophagoides		Moulds		House dust		Epithelia	
	n	% positive	n	% positive	n	% positive	n	% positive	n	% positive
Skin test (n=193)	7	3.6	6	3.1	3	1.5	2	1.0	1	0.5
RAST (n=49)	13	36.7	NT		5	10.2	NT		NT	
NT-Not tested.										

FIG. 4

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4/4

Table II. Helminthic infection detected in serially collected feces samples of 114 Amazon Indians

Avaris lumbricoides		Trichuris trichuria		Necator americanus ¹		Tuenia sp.	
n	%	n	%	n	%	n	%
positive	positive	positive	positive	positive	positive	positive	positive
77	67.5	22	19.3	19	16.7	9	7.8
¹ Necator or Ancylostoma infections were not differentiated.							

FIG. 5